Synthesis of compounds **206** and **207**

A mixture of KO^{t}Bu (0.136, 1.15 mmol) and (4-chlorobenzyl)triphenylphosphonium chloride (0.496 g, 1.15 mmol) in THF (10 mL) was stirred at ambient temperature for 1 hour, then a solution of compound **205** (0.20 g, 0.38 mmol) in THF (5 mL) was added. The reaction mixture was stirred at ambient temperature overnight, then quenched with saturated NH_4Cl solution (1 mL), diluted with EtOAc (150 mL), washed with brine (2 x 25 mL), dried over anhydrous $MgSO_4$ and concentrated. The residue was purified by chromatography on silica gel (hexanes/EtOAc) to give compound **206** (0.093, 39%) as a colourless glass and compound **207** (0.126 g, 53%) as a colourless glass.

Synthesis of compound **208**

To a solution of compound **206** (0.15 mmol) in THF (10 mL) was added $LiAlH_4$ (0.59 mL of a 1 M solution in THF, 0.59 mmol). The mixture was stirred at ambient temperature overnight, then quenched with $Na_2SO_4 \cdot 10H_2O$ and stirred for 30 minutes. The mixture was filtered, rinsing with EtOAc, and concentrated to dryness to give crude compound **208** (0.089 g, colourless glass) that was used in the next reaction without further purification.

Synthesis of compound **209**

Crude compound **208** (0.15 mmol) was dissolved in 80% acetic acid (10 mL) with THF (1 mL) and MeOH (1 mL) and stirred at 40°C for 4.5 hours, then at ambient temperature overnight. The mixture was concentrated to give crude compound **209** (0.074 g) as a colourless glass that was used in the next reaction without further purification.

Synthesis of compound **210**

A mixture of KO^{t}Bu (0.122, 1.03 mmol) and $MePPh_3Br$ (0.368 g, 1.03 mmol) in THF (5 mL) was stirred at ambient temperature for 1 hour, then a solution of compound **209** (0.074 g, 0.17 mmol) in THF (5 mL) was added. The reaction mixture was stirred at ambient temperature overnight, then quenched with saturated NH_4Cl solution (1 mL), diluted with EtOAc (100 mL), washed with brine (2 x 20 mL), dried over